

US 8,431,560 B1

Page 2

U.S. PATENT DOCUMENTS

| | | | |
|--------------|----|---------|-------------------|
| 2002/0077361 | A1 | 6/2002 | Peet |
| 2002/0183389 | A1 | 12/2002 | Peet |
| 2002/0193439 | A1 | 12/2002 | Peet |
| 2002/0198177 | A1 | 12/2002 | Horrobin et al. |
| 2003/0100610 | A1 | 5/2003 | Shibuya et al. |
| 2003/0104048 | A1 | 6/2003 | Patel et al. |
| 2003/0166614 | A1 | 9/2003 | Harrison, Jr. |
| 2004/0077723 | A1 | 4/2004 | Granata |
| 2004/0162348 | A1 | 8/2004 | Peet |
| 2005/0187292 | A1 | 8/2005 | Aoki et al. |
| 2006/0034815 | A1 | 2/2006 | Guzman et al. |
| 2006/0134178 | A1 | 6/2006 | Doisaki et al. |
| 2006/0135610 | A1 | 6/2006 | Bortz et al. |
| 2006/0141022 | A1 | 6/2006 | Kawamura et al. |
| 2006/0142390 | A1 | 6/2006 | Manku et al. |
| 2006/0211762 | A1 | 9/2006 | Rongen |
| 2006/0211763 | A1 | 9/2006 | Fawzy et al. |
| 2006/0217356 | A1 | 9/2006 | Wright et al. |
| 2006/0252833 | A1 | 11/2006 | Peet |
| 2007/0104779 | A1 | 5/2007 | Rongen et al. |
| 2007/0105954 | A1 | 5/2007 | Puri |
| 2007/0141138 | A1 | 6/2007 | Feuerstein et al. |
| 2007/0167520 | A1 | 7/2007 | Bruzzone |
| 2007/0191467 | A1 | 8/2007 | Rongen et al. |
| 2008/0089876 | A1 | 4/2008 | Cavazza |
| 2008/0113046 | A1 | 5/2008 | Gardette |
| 2008/0125490 | A1 | 5/2008 | Svensson et al. |
| 2008/0200547 | A1 | 8/2008 | Peet et al. |
| 2008/0306154 | A1 | 12/2008 | Svensson et al. |
| 2008/0319077 | A1 | 12/2008 | Suzuki et al. |
| 2009/0012167 | A1 | 1/2009 | Rongen et al. |
| 2009/0227602 | A1 | 9/2009 | Griffin et al. |
| 2009/0304784 | A1 | 12/2009 | Mane et al. |
| 2010/0021555 | A1 | 1/2010 | Geiringer et al. |
| 2010/0119598 | A1 | 5/2010 | Yoshinari et al. |
| 2010/0311834 | A1 | 12/2010 | Manku et al. |
| 2011/0034555 | A1 | 2/2011 | Osterloh et al. |
| 2011/0288171 | A1 | 11/2011 | Manku et al. |
| 2012/0100208 | A1 | 4/2012 | Manku |

FOREIGN PATENT DOCUMENTS

| | | |
|----|-----------------|---------|
| CA | 2675836 | 7/2008 |
| CA | 2724983 | 11/2009 |
| CN | 101252837 | 8/2008 |
| EP | 0 302 482 | 2/1989 |
| EP | 0 460 917 | 12/1991 |
| EP | 0 606 012 | 7/1994 |
| EP | 0 610 506 | 8/1994 |
| EP | 1 296 670 | 4/2003 |
| EP | 1 157 692 | 10/2005 |
| EP | 1 743 644 | 1/2007 |
| EP | 2 022 495 | 2/2011 |
| FR | 2 635 263 | 2/2009 |
| GB | 2 148 713 | 6/1985 |
| GB | 2 221 843 | 2/1990 |
| GB | 2 229 363 | 9/1990 |
| GB | 9 901 809.5 | 1/1999 |
| HU | P0200686 | 2/2002 |
| JP | 04 182426 | 6/1992 |
| KR | 10-2006-0109988 | 10/2006 |
| WO | 90/04391 | 5/1990 |
| WO | 92/21335 | 12/1992 |
| WO | 94/28891 | 12/1994 |
| WO | 97/39759 | 10/1997 |
| WO | 98/16216 | 4/1998 |
| WO | 99/29316 | 6/1999 |
| WO | 00/44361 | 8/2000 |
| WO | 01/015552 | 3/2001 |
| WO | 02/02105 | 1/2002 |
| WO | 02/058793 | 8/2002 |
| WO | 02/089787 | 11/2002 |
| WO | 02/096408 | 12/2002 |
| WO | 03/068216 | 8/2003 |
| WO | 2004/050913 | 6/2004 |
| WO | 2004/078166 | 9/2004 |
| WO | 2004/082402 | 9/2004 |
| WO | 2007/016256 | 2/2007 |

| | | |
|----|-------------|---------|
| WO | 2007/017240 | 2/2007 |
| WO | 2007/073176 | 6/2007 |
| WO | 2007/075841 | 7/2007 |
| WO | 2007/128801 | 11/2007 |
| WO | 2007/142118 | 12/2007 |
| WO | 2008/004900 | 1/2008 |
| WO | 2008/045465 | 4/2008 |
| WO | 2008/106787 | 9/2008 |
| WO | 2009/004999 | 1/2009 |

OTHER PUBLICATIONS

- Abbey, M., et al., "Effect of fish oil on lipoproteins, lecithin:cholesterol acyltransferase, and lipidtransfer protein activity in humans" *Arterioscler. Thromb. Vasc. Biol.* 10:85-94 (1990).
- Adan, Y., et al., "Effects of docosahexaenoic and eicosapentaenoic acid on lipid metabolism, eicosanoid production, platelet aggregation and atherosclerosis." *Biosci. Biotechnol. Biochem.* 63(1), 111-119 (1999).
- Adan, Y., et al., "Concentration of serum lipids and aortic lesion size in female and male apo E-deficient mice fed docosahexaenoic acid." *Biosci. Biotechnol. Biochem.* 63(2):309-313 (1999).
- Agren, J.J., et al., "Fatty acid composition of erythrocyte, platelet, and serum lipids in strict vegans." *Lipids* 30:365-369 (1995).
- Agren, J.J., et al., "Fish diet, fish oil and docosahexaenoic acid rich oil lower fasting and postprandial plasma lipid levels." *Eur J Clin Nutr.* 1996;50:767-771.
- Ait-Said, et al., "Inhibition by eicosapentaenoic acid of IL-1 β -induced PGHS-2 expression in human microvascular endothelial cells: involvement of lipoxygenase-derived metabolites and p38 MAPK pathway." *Biochimica et Biophysica Acta*, 1631:66-85 (2003).
- Alderman, J.D., et al., (1989) Effect of a modified, well-tolerated niacin regimen on serum total cholesterol, high density lipoprotein cholesterol and the cholesterol to high density lipoprotein ratio. *Am. J. Cardio.* 64: 725-729.A.
- Alessandri, J.-M., et al., "Estradiol favors the formation of eicosapentaenoic acid (20:5n-3) and n-3 docosapentaenoic acid (22:5n-3) from alpha-linolenic acid (18:3n-3) in SH-SY5Y neuroblastoma cells." *Lipids* 43:19-28 (2008).
- Allred, C., et al., "PPAR γ 1 as a molecular target of eicosapentaenoic acid in human colon cancer (HT-29) cells." *J. Nutr.* 138:250-256 (2008).
- Amarin Corporation Announces First Patients Enrolled in Two Phase 3 Clinical Trials Assessing AMR101 for the Treatment of Cardiovascular Disease [online], Amarin Corporation, Jan. 11, 2010 [retrieved Apr. 27, 2011], Retrieved from the Internet: <<http://investoramarincorp.com/releasedetail.cfm?ReleaseID=504380>>.
- Ando, M., et al., "Eicosapentanoic acid reduces plasma levels of remnant lipoproteins and prevents in vivo peroxidation of LDL in dialysis patients." *J. Am. Soc. Nephrol.*, 10:2177-2184 (1999).
- Ando, Y., et al., "Positional distribution of highly unsaturated fatty acids in triacyl-sn-glycerols of Artemia Nauplii enriched with docosahexaenoic acid ethyl ester." *Lipids* 36:733-740 (2001).
- Andrade, S.E., et al., (1995) Discontinuation of antihyperlipidaemic drugs—do rates reported in clinical trials reflect rates in primary care settings? *New Eng. J. Med.* 332: 1125-1131.
- Angerer, P., et al., "n-3 Polyunsaturated Fatty Acids and the Cardiovascular System", *Current Opinion in Lipidology*, 11(1):57-63, 2000.
- Anil, E., "The Impact of EPA and DHA on Blood Lipids and Lipoprotein Metabolism: Influence of ApoE Genotype", *Proceedings of the Nutrition Society*, 66:60-68, 2007.
- Aoki T et al. "Experience of the use of ethyl eicosapentaenoic acid preparation (Epadel) in patients with arteriosclerosis obliterans complicated with diabetes mellitus. A study of the long-term effects on glycemic control and blood lipids," *Rinsho to Kenkyu* 1993; 70:625-631.
- Appelton, K.M., et al., "Effects of n-3 long-chain polyunsaturated fatty acids on depressed mood: systematic review of published trials," *Am. J. Clin. Nutr.* 84(6):1308-1316 (Dec. 2006).
- Arrol, S., et al., "The effects of fatty acids on apolipoprotein B secretion by human hepatoma cells (HEP G2)," *Atherosclerosis* 150 (2000) 255-264.